



# CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

February 1996

## November 1995

This bulletin covers 27 agricultural industries in the state of California. The number of industries ranges from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

**NOTE:** Data in this bulletin are now available electronically through a personal computer and modem. Our Labor Market Information Division's new bulletin board system, LMI On-Line, can be accessed by dialing (916) 262-2BBS (262-2227).

California's agricultural employment level totaled 311,700 in November 1995, 74,500 less than the October 1995 level of 386,200. (Table 1-A.) Agricultural employment levels in all six regions fell from the previous month's levels. (Tables 2-A through 7-A.)

### Wage and Salary Workers in Agricultural Establishments

For November 1995

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	311.7	147.2	49.8	56.1	33.3	26.5	10.6
Total Crops	171.6	64.4	36.0	40.0	14.5	19.4	7.3
Total Livestock	25.0	13.0	2.0	1.1	5.0	1.7	2.0
Total Services	115.1	69.8	11.8	15.0	13.8	5.4	1.3

Source: Tables 1-A through 7-A.

## CHANGES FROM ONE YEAR AGO

California's November 1995 agricultural employment level was 10,200 higher than in the same month in 1994, a 3% increase. (Table 1-A.)

Production workers in California earned an average of \$6.84 per hour in November 1995, a decrease of twelve cents from the prior year level of \$6.96. (Table 1-E.)

## REGIONAL CROP ACTIVITIES

Regional crop activities are not available. The source document for this data, the California Farm Labor Report (881A), is no longer produced.

## AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 284,300 in November 1995, a decrease of 74,400 from the October 1995 level of 358,700. The year-over change from November 1994 was an increase of 10,000. (Table 1-B.)

Average weekly earnings for California production workers in November 1995 were \$278.39. Regional averages ranged from a low of \$260.09 in the Desert region to a high of \$304.56 in the Central Coast region. (Tables 1-C through 7-C.)

The average number of hours worked per week in California agriculture was 40.7 hours in November 1995, 2.4 hours less than the October 1995 level of 43.1 hours. The region with the shortest workweek was the North Coast region with 38.3 hours. The longest workweek was in the Sacramento Valley region with 42.5 hours. (Tables 1-D through 7-D.)

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### Average Hourly Earnings of Production Workers For November 1995

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	\$6.84	\$6.66	\$6.70	\$7.52	\$6.47	\$6.75	\$7.59
Total Crops	6.79	6.66	6.54	7.37	6.21	6.73	7.52
Total Livestock	7.33	7.45	7.61	7.55	7.42	6.50	7.20
Total Services	6.79	6.47	7.05	7.93	6.34	6.92	8.95

Source: Tables 1-E through 7-E.

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### **DATA SOURCES:**

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

### **DATA COMMENTS:**

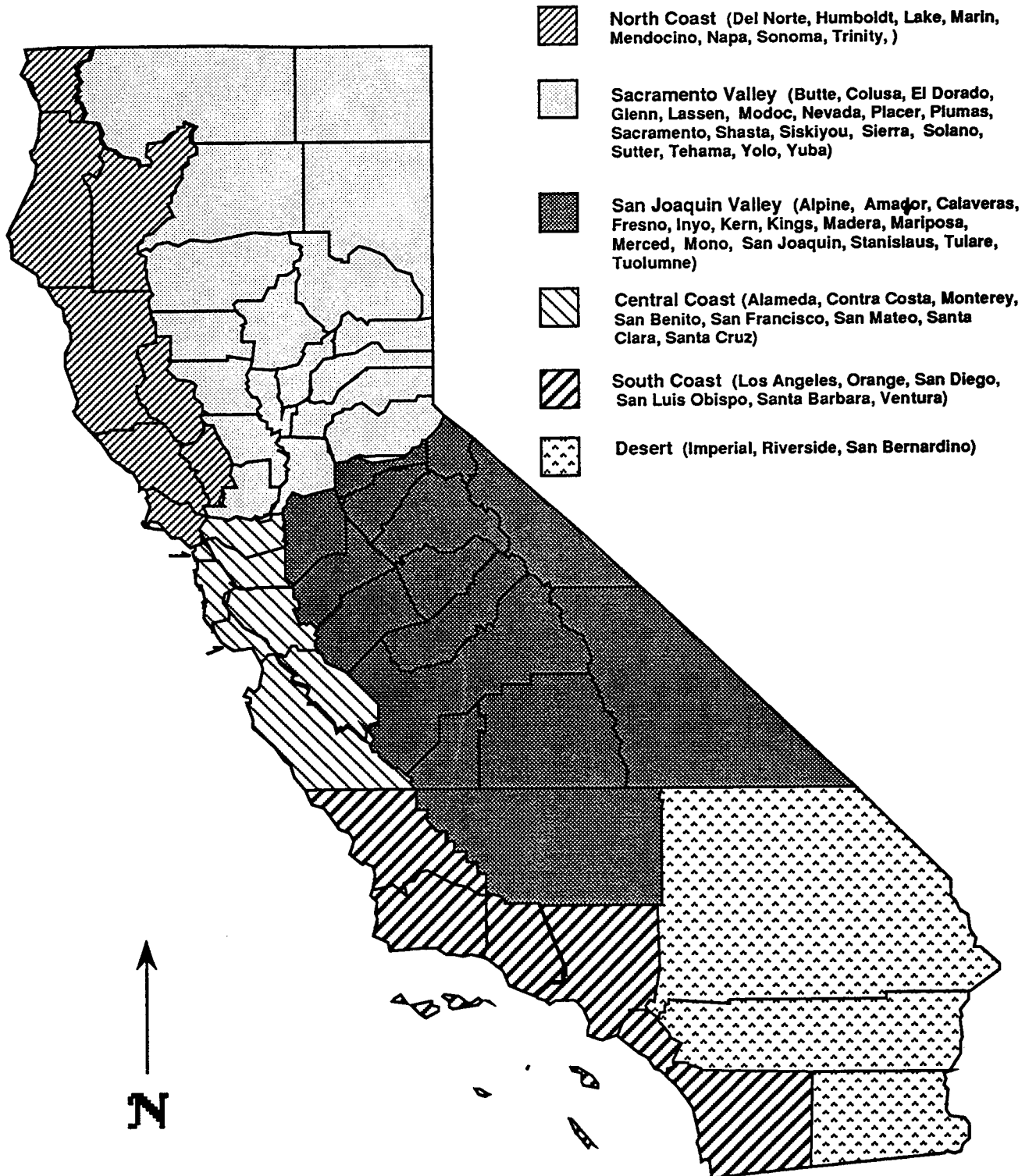
**ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.**

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Current Economic Statistics Group, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994 or call (916) 262-2572.**

**CES-AG REPORTING REGIONS**  
**LABOR MARKET INFORMATION DIVISION**  
**EMPLOYMENT DEVELOPMENT DEPARTMENT**



# CALIFORNIA

## Wage and Salary Employment in Agricultural Establishments

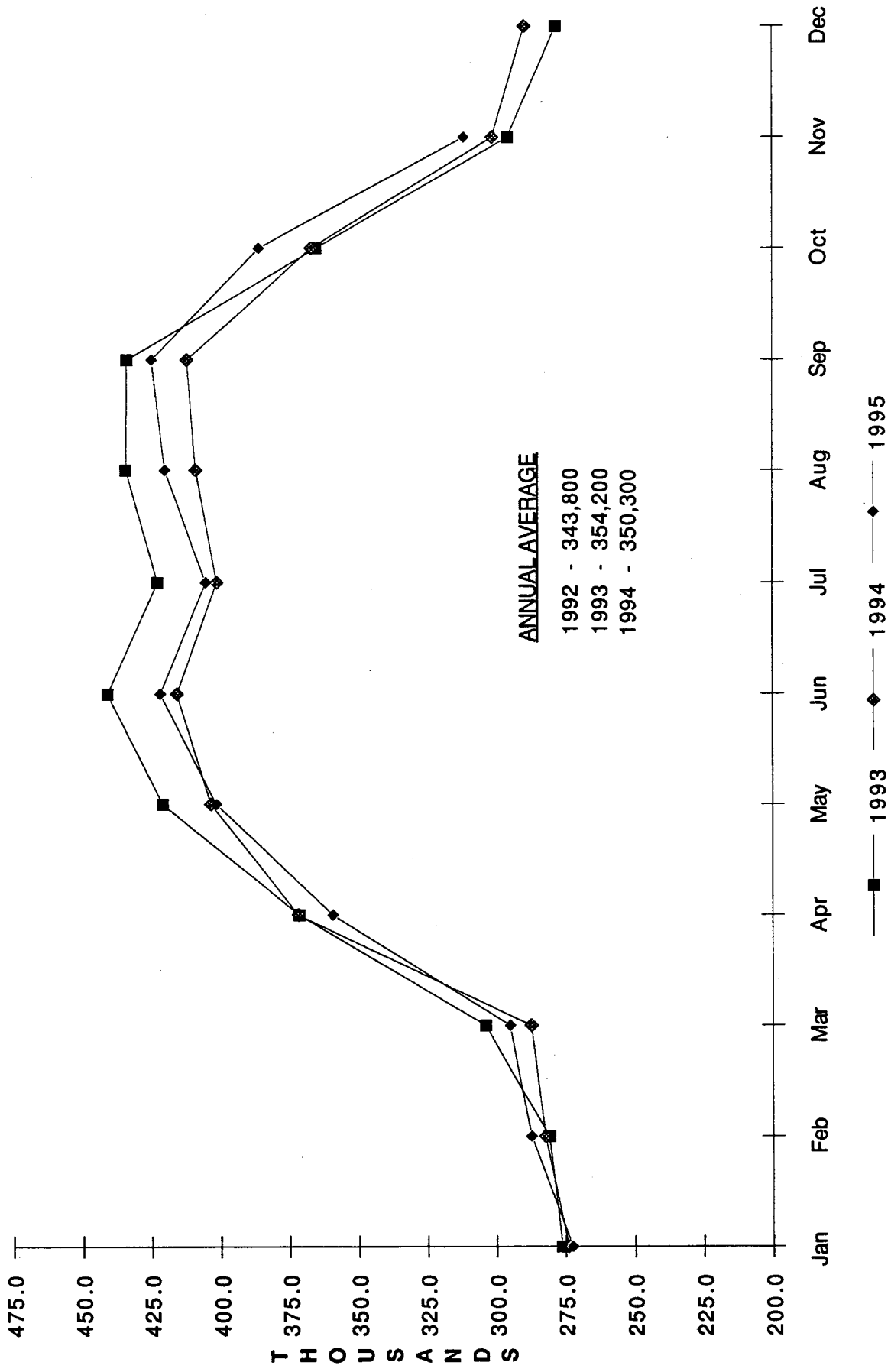


TABLE 1-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	311.7	386.2	301.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	171.6	216.8	164.0
CASH GRAINS	3.1	3.9	2.9
RICE	1.8	2.4	1.6
OTHER CASH GRAINS	1.3	1.5	1.3
FIELD CROPS EXCEPT CASH GRAINS	13.6	14.5	13.3
COTTON	7.6	7.6	7.4
OTHER FIELD CROPS	6.0	6.9	5.9
VEGETABLES AND MELONS	30.7	35.3	29.5
TOTAL FRUITS AND TREE NUTS	67.6	101.0	61.0
BERRIES	15.9	24.0	11.1
GRAPES	17.7	36.3	16.8
TREE NUTS	8.0	10.3	7.9
CITRUS FRUITS	4.8	4.7	4.9
DECIDUOUS TREE FRUIT	12.0	14.3	11.2
OTHER FRUITS AND NUTS	9.2	11.4	9.1
TOTAL HORTICULTURAL SPECIALTIES	31.3	32.6	32.6
ORNAMENTAL, FLORAL & NURSERY	28.1	29.4	29.4
FOOD CROPS GROWN UNDER COVER	3.2	3.2	3.2
GENERAL FARM PRIMARILY CROP	25.3	29.5	24.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.0	25.2	25.2
BEEF CATTLE FEED LOTS	0.6	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.6	3.7	3.6
DAIRY FARMS	12.9	13.0	12.9
CHICKEN EGGS	2.5	2.6	2.7
TURKEYS & TURKEY EGGS	1.0	1.0	1.0
OTHER LIVESTOCK	4.4	4.4	4.4
TOTAL AGRICULTURAL SERVICES	115.1	144.2	112.3
SOIL PREPARATION SERVICES	1.3	1.4	1.2
CROP SERVICES	40.2	41.7	41.7
PLANT CULTIVATE & PROTECTION	5.1	5.3	4.9
HARVEST PRIMARILY BY MACHINE	5.3	5.8	5.7
PREPARATION SVCS FOR MARKET	27.7	29.1	29.3
COTTON GINNING	2.1	1.5	1.8
TOTAL FARM LABOR & MANAGEMENT	73.6	101.1	69.4
FARM LABOR CONTRACTORS	67.0	91.9	61.9
FARM MANAGEMENT SERVICES	6.6	9.2	7.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	284.3	358.7	274.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	153.7	199.1	146.1
CASH GRAINS	2.6	3.4	2.4
RICE	1.5	2.1	1.3
OTHER CASH GRAINS	1.1	1.3	1.1
FIELD CROPS EXCEPT CASH GRAINS	12.3	13.3	12.0
COTTON	6.9	7.0	6.7
OTHER FIELD CROPS	5.4	6.3	5.3
VEGETABLES AND MELONS	28.0	32.6	26.8
TOTAL FRUITS AND TREE NUTS	61.9	95.3	55.7
BERRIES	15.4	23.5	10.8
GRAPES	15.5	34.2	14.6
TREE NUTS	7.2	9.5	7.4
CITRUS FRUITS	4.3	4.1	4.3
DECIDUOUS TREE FRUIT	10.8	13.1	10.1
OTHER FRUITS AND NUTS	8.7	10.9	8.5
TOTAL HORTICULTURAL SPECIALTIES	25.8	27.2	26.7
ORNAMENTAL FLORAL & NURSERY	23.0	24.4	23.8
FOOD CROPS GROWN UNDER COVER	2.8	2.8	2.9
GENERAL FARM PRIMARILY CROP	23.1	27.3	22.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.4	22.5	22.4
BEEF CATTLE FEED LOTS	0.5	0.4	0.5
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.1	3.0
DAIRY FARMS	12.1	12.2	12.1
CHICKEN EGGS	2.0	2.0	2.0
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	4.0	4.0	4.0
TOTAL AGRICULTURAL SERVICES	108.2	137.1	105.8
SOIL PREPARATION SERVICES	1.0	1.1	0.9
CROP SERVICES	35.8	37.1	37.4
PLANT CULTIVATE & PROTECTION	4.3	4.4	4.1
HARVEST PRIMARILY BY MACHINE	4.9	5.4	5.3
PREPARATION SVCS FOR MARKET	24.7	26.1	26.4
COTTON GINNING	1.9	1.2	1.6
TOTAL FARM LABOR & MANAGEMENT	71.4	98.9	67.5
FARM LABOR CONTRACTORS	65.6	90.4	60.5
FARM MANAGEMENT SERVICES	5.8	8.5	7.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	278.39	290.49	264.48
TOTAL AGRICULTURAL PRODUCTION/CROPS	296.04	298.82	279.05
CASH GRAINS	350.12	419.77	335.80
RICE	332.96	425.60	328.09
OTHER CASH GRAINS	371.12	410.26	344.72
FIELD CROPS EXCEPT CASH GRAINS	395.64	380.76	327.59
COTTON	417.69	395.57	336.30
OTHER FIELD CROPS	367.08	365.79	316.88
VEGETABLES AND MELONS	351.88	325.25	331.14
TOTAL FRUITS AND TREE NUTS	245.10	266.67	238.65
BERRIES	209.65	236.95	182.40
GRAPES	274.89	292.40	289.76
TREE NUTS	263.26	280.91	246.36
CITRUS FRUITS	261.59	287.68	264.88
DECIDUOUS TREE FRUIT	234.74	233.55	210.70
OTHER FRUITS AND NUTS	242.50	267.50	239.22
TOTAL HORTICULTURAL SPECIALTIES	299.05	302.84	286.12
ORNAMENTAL FLORAL & NURSERY	289.38	294.93	275.20
FOOD CROPS GROWN UNDER COVER	376.20	371.74	376.42
GENERAL FARM PRIMARILY CROP	300.66	321.83	276.92
TOTAL AGRIC PRODUCTION/LIVESTOCK	348.91	364.32	348.39
BEEF CATTLE FEED LOTS	354.08	378.24	353.58
BEEF CATTLE EXCEPT FEED LOTS	334.48	363.55	319.01
DAIRY FARMS	361.33	384.24	365.21
CHICKEN EGGS	314.88	313.50	318.50
TURKEYS & TURKEY EGGS	383.79	383.39	380.97
OTHER LIVESTOCK	329.47	323.10	328.53
TOTAL AGRICULTURAL SERVICES	238.33	265.32	226.53
SOIL PREPARATION SERVICES	583.80	599.26	455.00
CROP SERVICES	302.06	304.06	276.01
PLANT CULTIVATE & PROTECTION	351.14	347.89	310.05
HARVEST PRIMARILY BY MACHINE	247.74	298.37	243.75
PREPARATION SVCS FOR MARKET	295.40	296.93	268.23
COTTON GINNING	421.91	336.38	435.90
TOTAL FARM LABOR & MANAGEMENT	201.60	247.54	196.25
FARM LABOR CONTRACTORS	193.12	240.09	186.68
FARM MANAGEMENT SERVICES	295.66	319.58	278.85

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 1-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	40.7	43.1	38.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.6	44.8	40.5
CASH GRAINS	47.7	54.8	46.0
RICE	45.3	56.0	43.0
OTHER CASH GRAINS	50.7	52.8	49.6
FIELD CROPS EXCEPT CASH GRAINS	58.7	57.0	47.0
COTTON	63.0	60.3	47.3
OTHER FIELD CROPS	53.2	53.4	46.6
VEGETABLES AND MELONS	46.3	44.8	42.4
TOTAL FRUITS AND TREE NUTS	38.0	40.9	37.0
BERRIES	34.2	39.1	30.0
GRAPES	38.5	41.3	42.3
TREE NUTS	43.3	45.9	39.8
CITRUS FRUITS	37.0	39.3	38.5
DECIDUOUS TREE FRUIT	38.8	38.1	35.0
OTHER FRUITS AND NUTS	38.8	42.8	36.3
TOTAL HORTICULTURAL SPECIALTIES	42.6	43.7	40.7
ORNAMENTAL FLORAL & NURSERY	42.0	43.5	40.0
FOOD CROPS GROWN UNDER COVER	47.5	45.5	46.3
GENERAL FARM PRIMARILY CROP	47.8	52.5	42.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.6	49.1	47.4
BEEF CATTLE FEED LOTS	49.8	52.9	49.8
BEEF CATTLE EXCEPT FEED LOTS	42.5	45.5	41.7
DAIRY FARMS	48.5	51.3	48.5
CHICKEN EGGS	49.2	45.7	49.0
TURKEYS & TURKEY EGGS	50.9	51.6	51.0
OTHER LIVESTOCK	46.8	45.7	46.6
TOTAL AGRICULTURAL SERVICES	35.1	39.6	32.5
SOIL PREPARATION SERVICES	60.0	61.4	50.0
CROP SERVICES	40.6	41.2	37.4
PLANT CULTIVATE & PROTECTION	45.9	46.2	39.0
HARVEST PRIMARILY BY MACHINE	32.3	38.4	32.5
PREPARATION SVCS FOR MARKET	40.3	40.9	37.1
COTTON GINNING	54.3	43.8	55.6
TOTAL FARM LABOR & MANAGEMENT	32.0	38.8	29.6
FARM LABOR CONTRACTORS	31.3	38.6	28.5
FARM MANAGEMENT SERVICES	39.9	40.3	39.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CALIFORNIA  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	6.84	6.74	6.96
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.79	6.67	6.89
CASH GRAINS	7.34	7.66	7.30
RICE	7.35	7.60	7.63
OTHER CASH GRAINS	7.32	7.77	6.95
FIELD CROPS EXCEPT CASH GRAINS	6.74	6.68	6.97
COTTON	6.63	6.56	7.11
OTHER FIELD CROPS	6.90	6.85	6.80
VEGETABLES AND MELONS	7.60	7.26	7.81
TOTAL FRUITS AND TREE NUTS	6.45	6.52	6.45
BERRIES	6.13	6.06	6.08
GRAPES	7.14	7.08	6.85
TREE NUTS	6.08	6.12	6.19
CITRUS FRUITS	7.07	7.32	6.88
DECIDUOUS TREE FRUIT	6.05	6.13	6.02
OTHER FRUITS AND NUTS	6.25	6.25	6.59
TOTAL HORTICULTURAL SPECIALTIES	7.02	6.93	7.03
ORNAMENTAL FLORAL & NURSERY	6.89	6.78	6.88
FOOD CROPS GROWN UNDER COVER	7.92	8.17	8.13
GENERAL FARM PRIMARILY CROP	6.29	6.13	6.47
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.33	7.42	7.35
BEEF CATTLE FEED LOTS	7.11	7.15	7.10
BEEF CATTLE EXCEPT FEED LOTS	7.87	7.99	7.65
DAIRY FARMS	7.45	7.49	7.53
CHICKEN EGGS	6.40	6.86	6.50
TURKEYS & TURKEY EGGS	7.54	7.43	7.47
OTHER LIVESTOCK	7.04	7.07	7.05
TOTAL AGRICULTURAL SERVICES	6.79	6.70	6.97
SOIL PREPARATION SERVICES	9.73	9.76	9.10
CROP SERVICES	7.44	7.38	7.38
PLANT CULTIVATE & PROTECTION	7.65	7.53	7.95
HARVEST PRIMARILY BY MACHINE	7.67	7.77	7.50
PREPARATION SVCS FOR MARKET	7.33	7.26	7.23
COTTON GINNING	7.77	7.68	7.84
TOTAL FARM LABOR & MANAGEMENT	6.30	6.38	6.63
FARM LABOR CONTRACTORS	6.17	6.22	6.55
FARM MANAGEMENT SERVICES	7.41	7.93	7.15

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SAN JOAQUIN

## Wage and Salary Employment in Agricultural Establishments

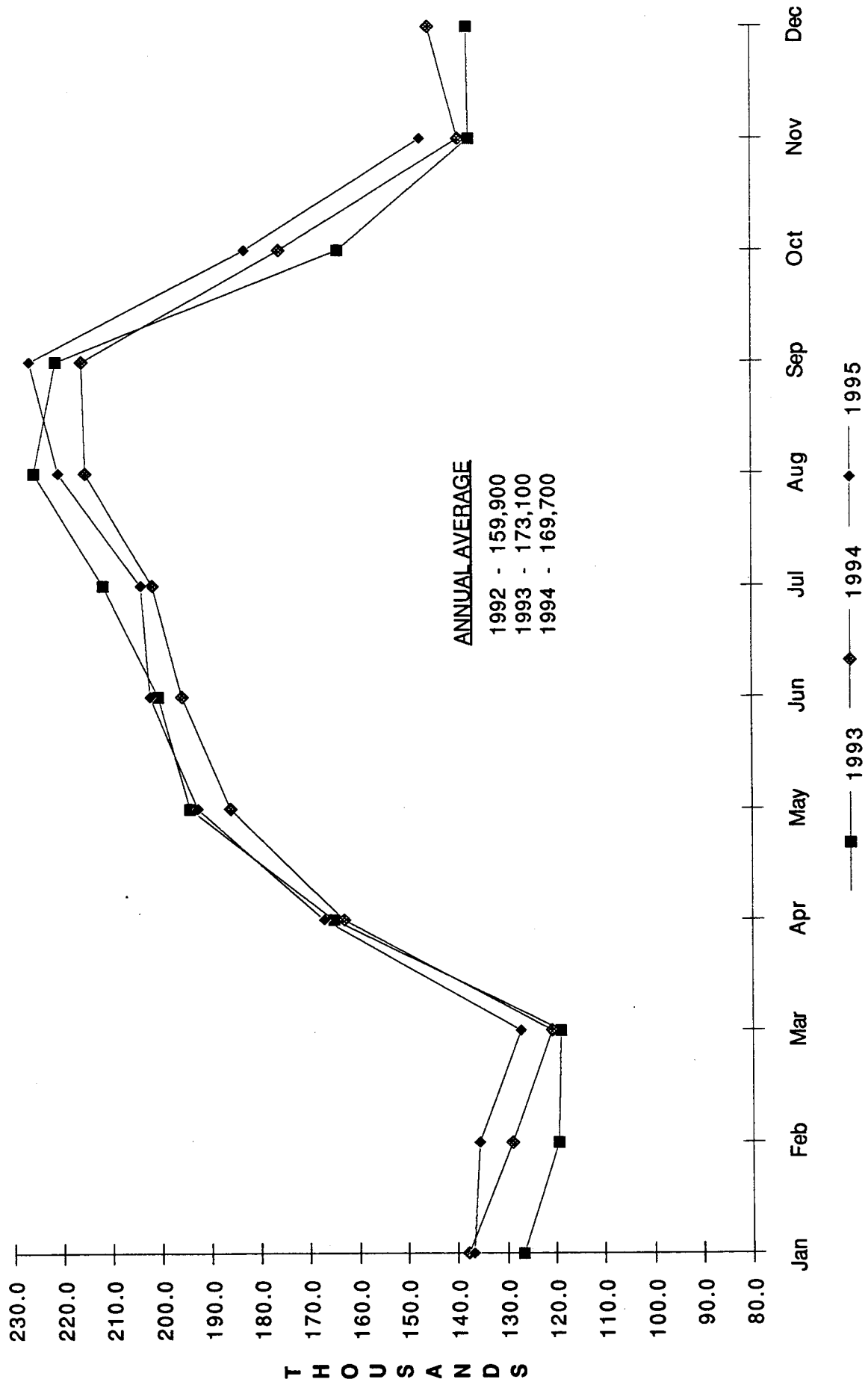


TABLE 2-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	147.2	183.0	139.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	64.4	82.2	61.4
TOTAL FIELD CROPS	10.8	11.3	10.5
COTTON	6.9	6.9	6.9
OTHER FIELD CROPS	3.9	4.4	3.6
VEGETABLES AND MELONS	4.5	4.4	4.4
TOTAL FRUITS AND TREE NUTS	30.7	47.4	28.8
GRAPES	12.0	24.9	11.3
TREE NUTS	5.0	6.5	4.9
CITRUS FRUITS	2.0	1.9	2.0
DECIDUOUS TREE FRUIT	6.0	7.3	5.5
OTHER FRUITS AND NUTS	5.7	6.8	5.1
HORTICULTURAL SPECIALTIES	3.8	2.7	4.1
GENERAL FARM PRIMARILY CROP	14.6	16.4	13.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	13.0	13.1	13.1
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.3	1.3
DAIRY FARMS	8.2	8.3	8.2
POULTRY & EGGS	2.0	2.0	2.2
OTHER LIVESTOCK	1.3	1.3	1.2
TOTAL AGRICULTURAL SERVICES	69.8	87.7	64.9
CROP SERVICES	24.3	23.8	23.9
PLANT CULTIVATE & PROTECTION	4.2	3.9	3.9
HARVEST PRIMARILY BY MACHINE	2.3	2.8	2.0
PREPARATION SVCS FOR MARKET	15.7	15.7	16.3
COTTON GINNING	2.1	1.4	1.7
TOTAL FARM LABOR & MANAGEMENT	45.5	63.9	41.0
FARM LABOR CONTRACTORS	42.1	59.5	36.8
FARM MANAGEMENT SERVICES	3.4	4.4	4.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	137.1	172.8	128.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	59.2	76.9	55.7
TOTAL FIELD CROPS	9.8	10.3	9.4
COTTON	6.3	6.3	6.3
OTHER FIELD CROPS	3.5	4.0	3.1
VEGETABLES AND MELONS	4.1	4.0	4.0
TOTAL FRUITS AND TREE NUTS	28.6	45.3	26.8
GRAPES	11.2	24.0	10.5
TREE NUTS	4.5	6.1	4.6
CITRUS FRUITS	1.8	1.7	1.8
DECIDUOUS TREE FRUIT	5.6	6.9	5.0
OTHER FRUITS AND NUTS	5.5	6.6	4.9
HORTICULTURAL SPECIALTIES	3.4	2.2	3.0
GENERAL FARM PRIMARILY CROP	13.3	15.1	12.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.9	11.9	12.1
BEEF CATTLE FEED LOTS	0.1	0.1	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.1	1.1	1.1
DAIRY FARMS	7.7	7.8	7.7
POULTRY & EGGS	1.9	1.8	2.0
OTHER LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	66.0	84.0	61.0
CROP SERVICES	21.6	21.1	21.0
PLANT CULTIVATE & PROTECTION	3.6	3.3	3.2
HARVEST PRIMARILY BY MACHINE	2.1	2.5	1.7
PREPARATION SVCS FOR MARKET	14.1	14.1	14.6
COTTON GINNING	1.8	1.2	1.5
TOTAL FARM LABOR & MANAGEMENT	44.4	62.9	40.0
FARM LABOR CONTRACTORS	41.2	58.7	36.0
FARM MANAGEMENT SERVICES	3.2	4.2	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	275.06	287.53	260.06
TOTAL AGRICULTURAL PRODUCTION/CROPS	301.03	294.54	285.60
TOTAL FIELD CROPS	416.23	374.07	344.84
COTTON	426.56	364.48	337.25
OTHER FIELD CROPS	397.99	389.53	360.37
VEGETABLES AND MELONS	348.16	279.98	319.00
TOTAL FRUITS AND TREE NUTS	257.00	269.12	258.00
GRAPES	265.73	286.88	284.19
TREE NUTS	266.30	269.54	263.50
CITRUS FRUITS	259.94	286.23	243.97
DECIDUOUS TREE FRUIT	234.39	195.81	207.55
OTHER FRUITS AND NUTS	257.48	277.28	254.01
HORTICULTURAL SPECIALTIES	304.47	282.66	263.42
GENERAL FARM PRIMARILY CROP	295.44	324.74	296.76
TOTAL AGRIC PRODUCTION/LIVESTOCK	354.62	366.78	354.19
BEEF CATTLE FEED LOTS	353.61	343.90	354.54
BEEF CATTLE EXCEPT FEED LOTS	354.88	368.03	327.20
DAIRY FARMS	361.85	374.45	368.25
POULTRY & EGGS	349.69	361.82	345.63
OTHER LIVESTOCK	310.46	321.06	294.15
TOTAL AGRICULTURAL SERVICES	237.45	270.29	218.45
CROP SERVICES	302.54	308.90	269.42
PLANT CULTIVATE & PROTECTION	398.84	383.18	335.44
HARVEST PRIMARILY BY MACHINE	260.70	331.27	259.35
PREPARATION SVCS FOR MARKET	268.91	287.41	238.74
COTTON GINNING	418.91	310.99	433.32
TOTAL FARM LABOR & MANAGEMENT	206.40	257.40	192.04
FARM LABOR CONTRACTORS	200.10	252.03	182.30
FARM MANAGEMENT SERVICES	289.39	328.18	276.60

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	41.3	44.1	38.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	45.2	44.9	42.5
TOTAL FIELD CROPS	61.3	55.5	48.5
COTTON	63.1	54.4	47.3
OTHER FIELD CROPS	58.1	57.2	50.9
VEGETABLES AND MELONS	50.9	44.3	44.0
TOTAL FRUITS AND TREE NUTS	39.6	40.9	40.0
GRAPES	37.8	42.5	42.8
TREE NUTS	43.3	45.3	42.5
CITRUS FRUITS	40.3	43.9	38.3
DECIDUOUS TREE FRUIT	39.0	30.5	35.0
OTHER FRUITS AND NUTS	41.0	41.2	37.3
HORTICULTURAL SPECIALTIES	39.8	39.7	34.3
GENERAL FARM PRIMARILY CROP	44.9	50.9	45.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	47.6	49.1	47.1
BEEF CATTLE FEED LOTS	50.3	48.3	48.5
BEEF CATTLE EXCEPT FEED LOTS	41.8	43.4	40.0
DAIRY FARMS	47.8	49.4	48.2
POULTRY & EGGS	48.3	49.7	45.9
OTHER LIVESTOCK	50.4	51.7	48.3
TOTAL AGRICULTURAL SERVICES	36.7	42.7	32.8
CROP SERVICES	41.5	42.2	38.0
PLANT CULTIVATE & PROTECTION	49.3	47.6	42.3
HARVEST PRIMARILY BY MACHINE	33.0	42.2	32.5
PREPARATION SVCS FOR MARKET	39.2	41.0	35.9
COTTON GINNING	53.5	41.3	55.2
TOTAL FARM LABOR & MANAGEMENT	34.4	42.9	30.1
FARM LABOR CONTRACTORS	33.8	42.5	28.8
FARM MANAGEMENT SERVICES	43.0	47.7	41.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SAN JOAQUIN VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	6.66	6.52	6.79
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.66	6.56	6.72
TOTAL FIELD CROPS	6.79	6.74	7.11
COTTON	6.76	6.70	7.13
OTHER FIELD CROPS	6.85	6.81	7.08
VEGETABLES AND MELONS	6.84	6.32	7.25
TOTAL FRUITS AND TREE NUTS	6.49	6.58	6.45
GRAPES	7.03	6.75	6.64
TREE NUTS	6.15	5.95	6.20
CITRUS FRUITS	6.45	6.52	6.37
DECIDUOUS TREE FRUIT	6.01	6.42	5.93
OTHER FRUITS AND NUTS	6.28	6.73	6.81
HORTICULTURAL SPECIALTIES	7.65	7.12	7.68
GENERAL FARM PRIMARILY CROP	6.58	6.38	6.58
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.45	7.47	7.52
BEEF CATTLE FEED LOTS	7.03	7.12	7.31
BEEF CATTLE EXCEPT FEED LOTS	8.49	8.48	8.18
DAIRY FARMS	7.57	7.58	7.64
POULTRY & EGGS	7.24	7.28	7.53
OTHER LIVESTOCK	6.16	6.21	6.09
TOTAL AGRICULTURAL SERVICES	6.47	6.33	6.66
CROP SERVICES	7.29	7.32	7.09
PLANT CULTIVATE & PROTECTION	8.09	8.05	7.93
HARVEST PRIMARILY BY MACHINE	7.90	7.85	7.98
PREPARATION SVCS FOR MARKET	6.86	7.01	6.65
COTTON GINNING	7.83	7.53	7.85
TOTAL FARM LABOR & MANAGEMENT	6.00	6.00	6.38
FARM LABOR CONTRACTORS	5.92	5.93	6.33
FARM MANAGEMENT SERVICES	6.73	6.88	6.73

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# SOUTH COAST

## Wage and Salary Employment in Agricultural Establishments

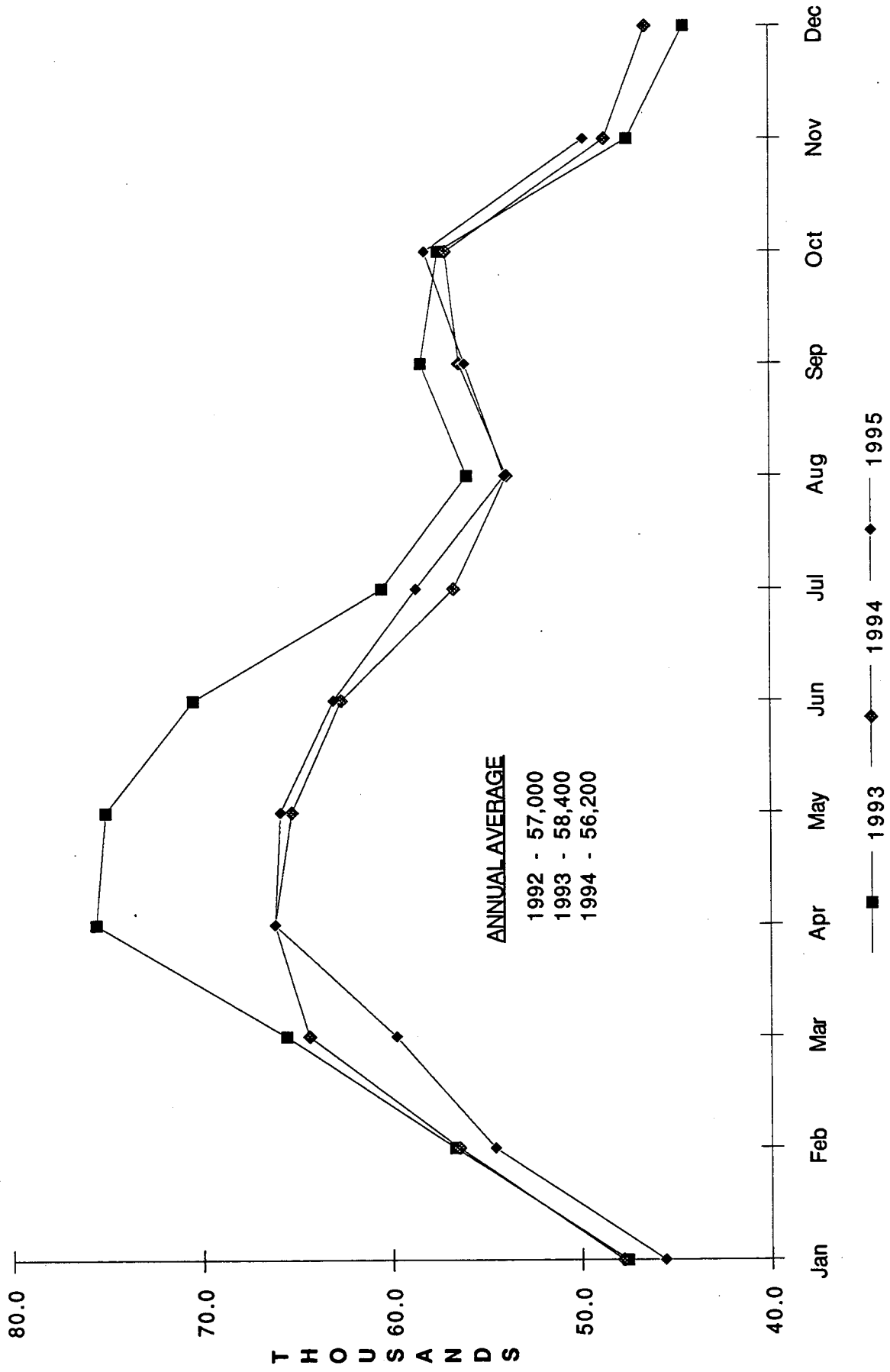


TABLE 3-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	49.8	58.2	48.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.0	41.1	34.6
VEGETABLES AND MELONS	9.0	9.6	8.6
TOTAL FRUITS AND TREE NUTS	7.3	11.1	6.4
BERRIES	3.4	6.6	2.4
CITRUS FRUITS	1.5	1.8	1.6
OTHER FRUITS AND NUTS	2.4	2.7	2.4
TOTAL HORTICULTURAL SPECIALTIES	14.8	15.1	14.7
ORNAMENTAL FLORAL & NURSERY	14.1	14.4	13.9
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.8
GENERAL FARM PRIMARILY CROP	4.9	5.3	4.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	11.8	15.1	12.1
CROP SERVICES	4.3	4.6	4.5
HARVEST PRIMARILY BY MACHINE	2.1	2.2	2.0
PREPARATION SVCS FOR MARKET	2.2	2.4	2.5
TOTAL FARM LABOR & MANAGEMENT	7.5	10.5	7.6
FARM LABOR CONTRACTORS	6.0	8.7	6.1
FARM MANAGEMENT SERVICES	1.5	1.8	1.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	44.2	52.5	43.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	31.6	36.7	30.2
VEGETABLES AND MELONS	8.2	8.9	7.9
TOTAL FRUITS AND TREE NUTS	6.7	10.5	5.8
BERRIES	3.3	6.4	2.3
CITRUS FRUITS	1.2	1.5	1.3
OTHER FRUITS AND NUTS	2.2	2.6	2.2
TOTAL HORTICULTURAL SPECIALTIES	12.2	12.4	12.0
ORNAMENTAL FLORAL & NURSERY	11.5	11.7	11.3
FOOD CROPS GROWN UNDER COVER	0.7	0.7	0.7
GENERAL FARM PRIMARILY CROP	4.5	4.9	4.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	10.9	14.1	11.3
CROP SERVICES	4.0	4.3	4.3
HARVEST PRIMARILY BY MACHINE	2.0	2.1	1.9
PREPARATION SVCS FOR MARKET	2.0	2.2	2.4
TOTAL FARM LABOR & MANAGEMENT	6.9	9.8	7.0
FARM LABOR CONTRACTORS	5.6	8.2	5.7
FARM MANAGEMENT SERVICES	1.3	1.6	1.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	280.73	279.84	250.90
TOTAL AGRICULTURAL PRODUCTION/CROPS	285.14	282.92	267.32
VEGETABLES AND MELONS	295.70	316.55	267.15
TOTAL FRUITS AND TREE NUTS	245.74	226.73	237.26
BERRIES	219.46	207.20	216.45
CITRUS FRUITS	280.09	256.28	264.16
OTHER FRUITS AND NUTS	266.20	258.70	243.20
TOTAL HORTICULTURAL SPECIALTIES	296.46	296.06	284.00
ORNAMENTAL FLORAL & NURSERY	291.38	291.52	278.65
FOOD CROPS GROWN UNDER COVER	371.96	369.65	373.35
GENERAL FARM PRIMARILY CROP	294.55	309.40	261.51
TOTAL AGRIC PRODUCTION/LIVESTOCK	331.80	334.52	322.18
TOTAL AGRICULTURAL SERVICES	259.44	265.18	194.77
CROP SERVICES	275.84	305.52	223.42
HARVEST PRIMARILY BY MACHINE	240.66	274.91	196.08
PREPARATION SVCS FOR MARKET	310.08	334.33	244.94
TOTAL FARM LABOR & MANAGEMENT	250.42	246.93	176.88
FARM LABOR CONTRACTORS	237.98	242.79	149.50
FARM MANAGEMENT SERVICES	304.14	266.26	299.41

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	41.9	42.4	37.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.6	44.0	41.0
VEGETABLES AND MELONS	44.4	48.7	40.6
TOTAL FRUITS AND TREE NUTS	39.7	37.6	37.6
BERRIES	38.3	37.0	37.0
CITRUS FRUITS	40.3	36.3	37.9
OTHER FRUITS AND NUTS	41.4	39.8	38.0
TOTAL HORTICULTURAL SPECIALTIES	45.4	45.9	44.1
ORNAMENTAL FLORAL & NURSERY	45.6	46.2	44.3
FOOD CROPS GROWN UNDER COVER	41.1	40.8	41.3
GENERAL FARM PRIMARILY CROP	43.0	44.2	37.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.6	43.9	42.9
TOTAL AGRICULTURAL SERVICES	36.8	38.1	28.6
CROP SERVICES	35.5	40.9	32.1
HARVEST PRIMARILY BY MACHINE	31.5	37.2	25.8
PREPARATION SVCS FOR MARKET	39.4	44.4	37.0
TOTAL FARM LABOR & MANAGEMENT	37.6	36.8	26.4
FARM LABOR CONTRACTORS	36.5	36.4	23.0
FARM MANAGEMENT SERVICES	42.3	38.7	41.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SOUTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	6.70	6.60	6.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.54	6.43	6.52
VEGETABLES AND MELONS	6.66	6.50	6.58
TOTAL FRUITS AND TREE NUTS	6.19	6.03	6.31
BERRIES	5.73	5.60	5.85
CITRUS FRUITS	6.95	7.06	6.97
OTHER FRUITS AND NUTS	6.43	6.50	6.40
TOTAL HORTICULTURAL SPECIALTIES	6.53	6.45	6.44
ORNAMENTAL FLORAL & NURSERY	6.39	6.31	6.29
FOOD CROPS GROWN UNDER COVER	9.05	9.06	9.04
GENERAL FARM PRIMARILY CROP	6.85	7.00	6.90
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.61	7.62	7.51
TOTAL AGRICULTURAL SERVICES	7.05	6.96	6.81
CROP SERVICES	7.77	7.47	6.96
HARVEST PRIMARILY BY MACHINE	7.64	7.39	7.60
PREPARATION SVCS FOR MARKET	7.87	7.53	6.62
TOTAL FARM LABOR & MANAGEMENT	6.66	6.71	6.70
FARM LABOR CONTRACTORS	6.52	6.67	6.50
FARM MANAGEMENT SERVICES	7.19	6.88	7.18

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# CENTRAL COAST

## Wage and Salary Employment in Agricultural Establishments

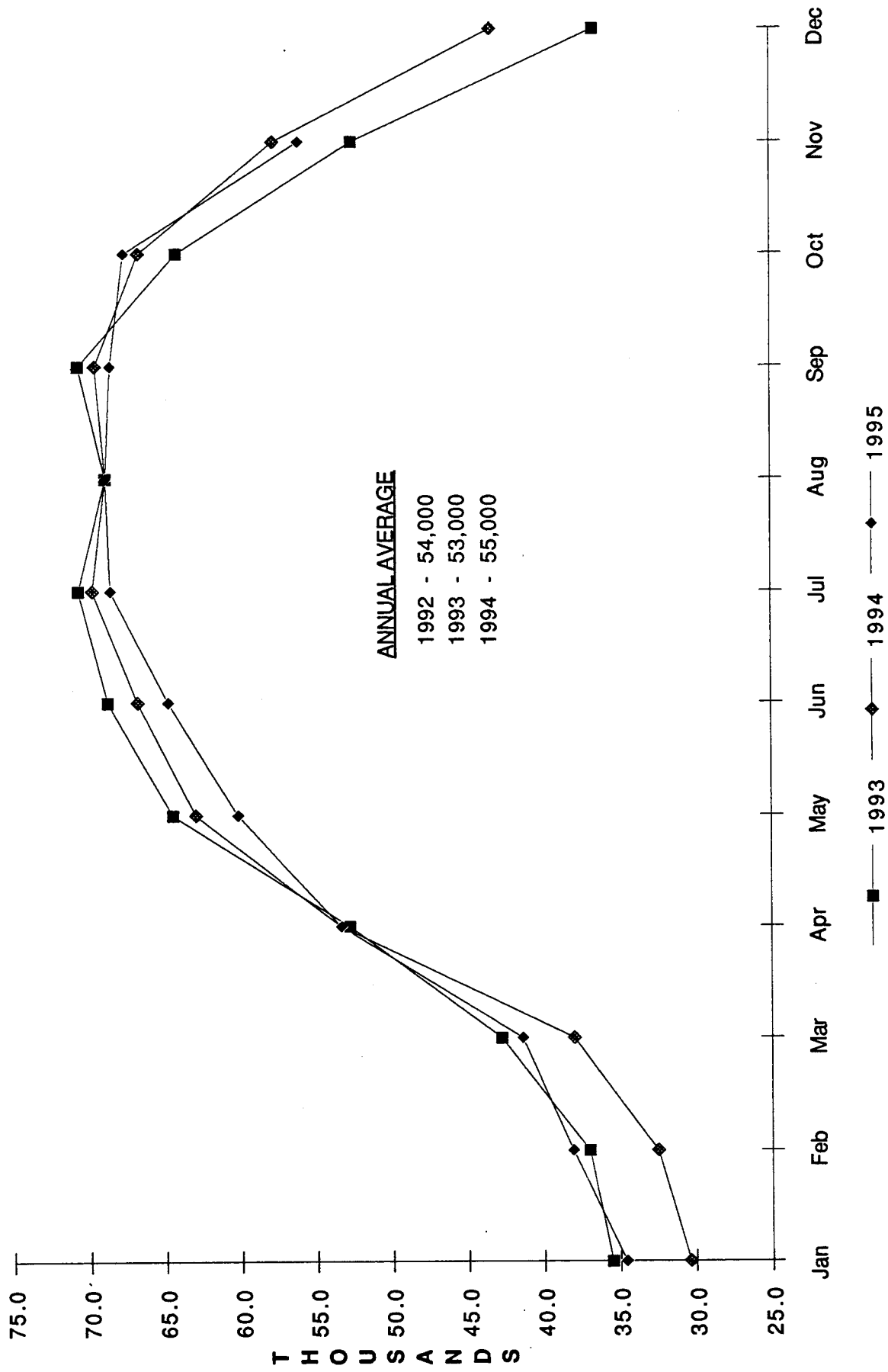


TABLE 4-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	56.1	67.7	57.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.0	47.7	36.8
VEGETABLES AND MELONS	12.9	16.0	10.9
TOTAL FRUITS AND TREE NUTS	13.9	18.4	12.9
BERRIES	11.2	14.7	10.4
DECIDUOUS TREE FRUIT	1.4	2.0	1.3
OTHER FRUITS AND NUTS	1.3	1.7	1.2
TOTAL HORTICULTURAL SPECIALTIES	10.1	9.9	10.1
ORNAMENTAL FLORAL & NURSERY	8.0	7.8	8.0
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	3.1	3.4	2.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.1	1.1	1.1
TOTAL AGRICULTURAL SERVICES	15.0	18.9	19.9
CROP SERVICES	7.5	8.0	7.5
HARVEST PRIMARILY BY MACHINE	1.6	1.7	1.5
PREPARATION SVCS FOR MARKET	5.9	6.3	6.0
TOTAL FARM LABOR & MANAGEMENT	7.5	10.9	12.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.



TABLE 4-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	51.6	63.2	53.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.4	44.2	33.4
VEGETABLES AND MELONS	11.9	15.0	9.9
TOTAL FRUITS AND TREE NUTS	13.4	18.0	12.5
BERRIES	11.0	14.6	10.3
DECIDUOUS TREE FRUIT	1.3	1.8	1.1
OTHER FRUITS AND NUTS	1.1	1.6	1.1
TOTAL HORTICULTURAL SPECIALTIES	8.4	8.2	8.5
ORNAMENTAL FLORAL & NURSERY	6.6	6.4	6.6
FOOD CROPS GROWN UNDER COVER	1.8	1.8	1.9
GENERAL FARM PRIMARILY CROP	2.7	3.0	2.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.8	0.8	0.8
TOTAL AGRICULTURAL SERVICES	14.4	18.2	19.3
CROP SERVICES	7.0	7.4	6.9
HARVEST PRIMARILY BY MACHINE	1.5	1.6	1.4
PREPARATION SVCS FOR MARKET	5.5	5.8	5.5
TOTAL FARM LABOR & MANAGEMENT	7.4	10.8	12.4

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	304.56	305.34	278.63
TOTAL AGRICULTURAL PRODUCTION/CROPS	307.33	311.30	280.70
VEGETABLES AND MELONS	392.09	326.56	352.75
TOTAL FRUITS AND TREE NUTS	206.08	280.26	181.76
BERRIES	196.55	266.49	169.73
DECIDUOUS TREE FRUIT	290.69	314.84	249.62
OTHER FRUITS AND NUTS	202.52	371.05	224.06
TOTAL HORTICULTURAL SPECIALTIES	325.97	337.71	319.61
ORNAMENTAL FLORAL & NURSERY	305.23	320.33	297.16
FOOD CROPS GROWN UNDER COVER	402.12	397.46	398.40
GENERAL FARM PRIMARILY CROP	376.76	353.07	359.55
TOTAL AGRIC PRODUCTION/LIVESTOCK	332.20	327.04	330.75
TOTAL AGRICULTURAL SERVICES	294.20	288.80	272.48
CROP SERVICES	362.02	349.76	344.20
HARVEST PRIMARILY BY MACHINE	387.13	393.39	321.93
PREPARATION SVCS FOR MARKET	355.52	337.27	349.36
TOTAL FARM LABOR & MANAGEMENT	231.19	247.36	232.32

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	40.5	42.0	37.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	41.7	43.6	38.4
VEGETABLES AND MELONS	47.7	42.3	42.5
TOTAL FRUITS AND TREE NUTS	32.0	42.4	28.4
BERRIES	31.6	42.1	27.2
DECIDUOUS TREE FRUIT	41.0	45.3	38.7
OTHER FRUITS AND NUTS	25.7	42.6	28.8
TOTAL HORTICULTURAL SPECIALTIES	45.4	47.1	44.7
ORNAMENTAL FLORAL & NURSERY	44.3	46.9	43.7
FOOD CROPS GROWN UNDER COVER	49.4	47.6	48.0
GENERAL FARM PRIMARILY CROP	51.4	48.3	51.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.0	44.8	45.0
TOTAL AGRICULTURAL SERVICES	37.1	37.9	34.8
CROP SERVICES	41.9	39.7	39.7
HARVEST PRIMARILY BY MACHINE	47.5	47.0	39.5
PREPARATION SVCS FOR MARKET	40.4	37.6	39.7
TOTAL FARM LABOR & MANAGEMENT	32.7	36.7	32.0

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
CENTRAL COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	7.52	7.27	7.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.37	7.14	7.31
VEGETABLES AND MELONS	8.22	7.72	8.30
TOTAL FRUITS AND TREE NUTS	6.44	6.61	6.40
BERRIES	6.22	6.33	6.24
DECIDUOUS TREE FRUIT	7.09	6.95	6.45
OTHER FRUITS AND NUTS	7.88	8.71	7.78
TOTAL HORTICULTURAL SPECIALTIES	7.18	7.17	7.15
ORNAMENTAL FLORAL & NURSERY	6.89	6.83	6.80
FOOD CROPS GROWN UNDER COVER	8.14	8.35	8.30
GENERAL FARM PRIMARILY CROP	7.33	7.31	7.05
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.55	7.30	7.35
TOTAL AGRICULTURAL SERVICES	7.93	7.62	7.83
CROP SERVICES	8.64	8.81	8.67
HARVEST PRIMARILY BY MACHINE	8.15	8.37	8.15
PREPARATION SVCS FOR MARKET	8.80	8.97	8.80
TOTAL FARM LABOR & MANAGEMENT	7.07	6.74	7.26

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# DESERT

## Wage and Salary Employment in Agricultural Establishments

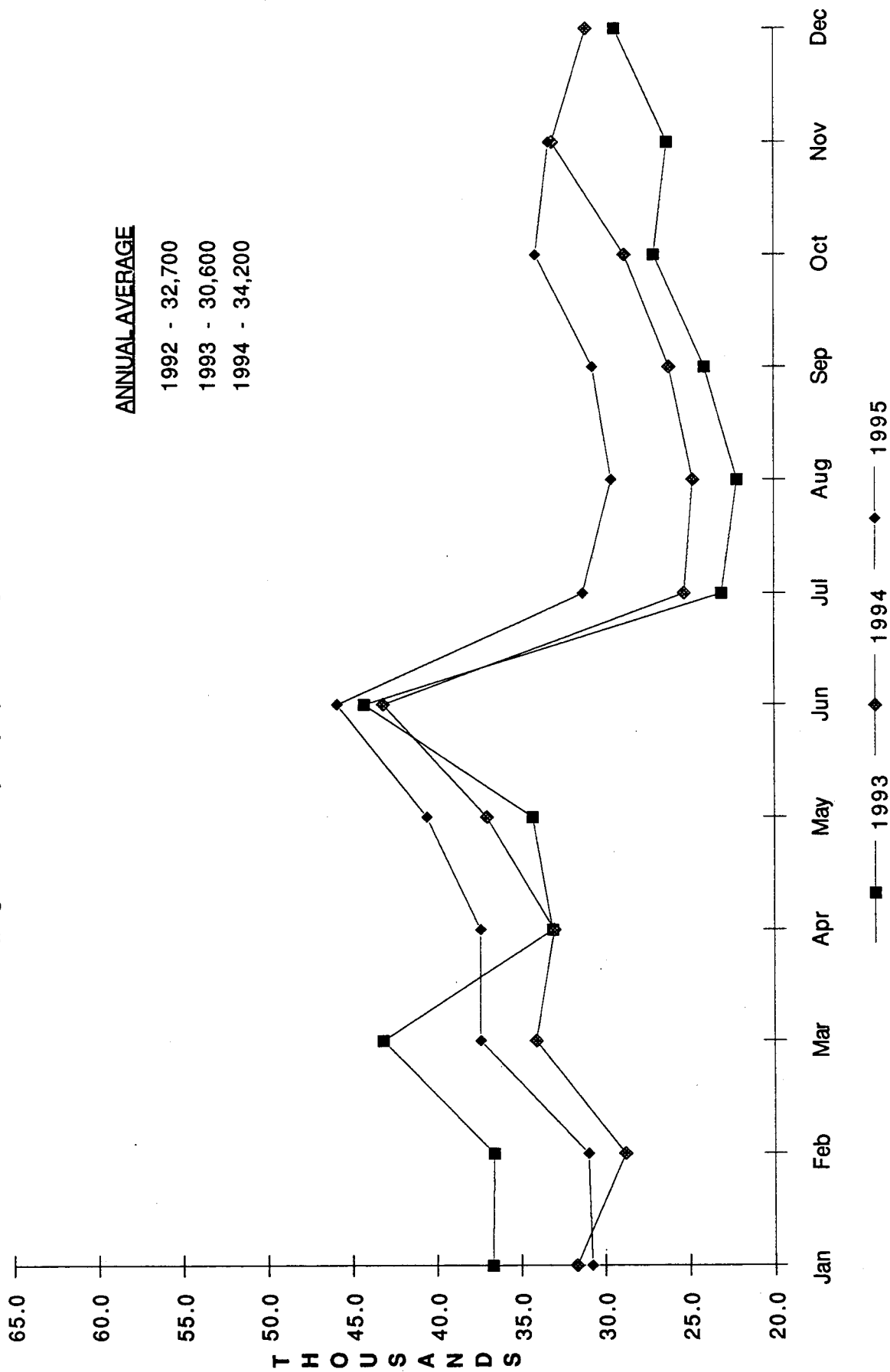


TABLE 5-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	33.3	34.1	33.1
TOTAL AGRICULTURAL PRODUCTION/CROPS	14.5	14.3	14.4
FIELD CROPS	1.7	1.8	1.7
VEGETABLES AND MELONS	3.6	3.2	3.8
TOTAL FRUITS AND TREE NUTS	5.1	5.5	3.9
GRAPES	2.4	2.4	1.4
CITRUS FRUITS	1.2	1.3	0.9
OTHER FRUITS AND NUTS	1.5	1.8	1.6
HORTICULTURAL SPECIALTIES	1.2	0.9	1.2
GENERAL FARM PRIMARILY CROP	2.9	2.9	3.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.0	5.0	5.0
DAIRY FARMS	1.1	1.1	1.0
CHICKEN EGGS	0.7	0.7	0.7
OTHER LIVESTOCK	3.2	3.2	3.3
TOTAL AGRICULTURAL SERVICES	13.8	14.8	13.7
CROP SERVICES	5.5	5.7	5.6
PLANT CULTIVATE & PROTECTION	0.9	0.9	0.8
HARVEST PRIMARILY BY MACHINE	1.2	1.4	1.3
PREPARATION SVCS FOR MARKET	3.4	3.4	3.5
TOTAL FARM LABOR & MANAGEMENT	8.3	9.1	8.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
DESERT REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	30.6	31.3	30.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.3	13.0	13.1
FIELD CROPS	1.6	1.6	1.5
VEGETABLES AND MELONS	3.4	3.0	3.5
TOTAL FRUITS AND TREE NUTS	4.6	5.0	3.6
GRAPES	2.2	2.2	1.3
CITRUS FRUITS	1.1	1.2	0.8
OTHER FRUITS AND NUTS	1.3	1.6	1.5
HORTICULTURAL SPECIALTIES	1.0	0.7	1.0
GENERAL FARM PRIMARILY CROP	2.7	2.7	3.5
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.4	4.4	4.4
DAIRY FARMS	1.0	1.0	0.9
CHICKEN EGGS	0.5	0.5	0.5
OTHER LIVESTOCK	2.9	2.9	3.0
TOTAL AGRICULTURAL SERVICES	12.9	13.9	12.8
CROP SERVICES	4.8	5.1	4.9
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.6
HARVEST PRIMARILY BY MACHINE	1.1	1.3	1.2
PREPARATION SVCS FOR MARKET	3.0	3.1	3.1
TOTAL FARM LABOR & MANAGEMENT	8.1	8.8	7.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	260.09	271.75	243.38
TOTAL AGRICULTURAL PRODUCTION/CROPS	272.00	289.38	247.42
FIELD CROPS	289.96	303.53	280.32
VEGETABLES AND MELONS	233.96	287.99	240.98
TOTAL FRUITS AND TREE NUTS	284.99	283.80	267.49
GRAPES	331.00	309.60	366.96
CITRUS FRUITS	244.55	298.28	282.08
OTHER FRUITS AND NUTS	246.04	237.06	173.60
HORTICULTURAL SPECIALTIES	259.10	327.93	251.89
GENERAL FARM PRIMARILY CROP	291.16	283.46	217.62
TOTAL AGRIC PRODUCTION/LIVESTOCK	366.55	378.00	367.52
DAIRY FARMS	482.73	482.09	490.54
CHICKEN EGGS	309.02	304.11	315.80
OTHER LIVESTOCK	336.17	353.61	338.14
TOTAL AGRICULTURAL SERVICES	210.49	221.39	197.09
CROP SERVICES	280.36	258.84	211.88
PLANT CULTIVATE & PROTECTION	263.95	286.60	284.95
HARVEST PRIMARILY BY MACHINE	186.65	236.21	185.33
PREPARATION SVCS FOR MARKET	319.59	262.34	208.31
TOTAL FARM LABOR & MANAGEMENT	169.33	199.42	187.81

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.



TABLE 5-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
DESERT REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	40.2	41.3	37.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.8	46.3	40.1
FIELD CROPS	43.8	46.2	43.8
VEGETABLES AND MELONS	38.8	46.6	40.5
TOTAL FRUITS AND TREE NUTS	44.6	44.0	40.9
GRAPES	51.8	48.0	55.6
CITRUS FRUITS	35.7	40.2	41.3
OTHER FRUITS AND NUTS	40.6	41.3	28.0
HORTICULTURAL SPECIALTIES	35.3	45.8	34.6
GENERAL FARM PRIMARILY CROP	51.9	50.8	39.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	49.4	50.0	49.8
DAIRY FARMS	51.3	50.8	49.3
CHICKEN EGGS	52.2	46.5	51.1
OTHER LIVESTOCK	48.3	50.3	49.8
TOTAL AGRICULTURAL SERVICES	33.2	33.8	30.7
CROP SERVICES	43.0	39.7	32.9
PLANT CULTIVATE & PROTECTION	43.7	46.3	41.0
HARVEST PRIMARILY BY MACHINE	30.3	33.6	29.7
PREPARATION SVCS FOR MARKET	47.7	40.8	32.6
TOTAL FARM LABOR & MANAGEMENT	27.4	30.4	29.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
DESERT REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	6.47	6.58	6.49
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.21	6.25	6.17
FIELD CROPS	6.62	6.57	6.40
VEGETABLES AND MELONS	6.03	6.18	5.95
TOTAL FRUITS AND TREE NUTS	6.39	6.45	6.54
GRAPES	6.39	6.45	6.60
CITRUS FRUITS	6.85	7.42	6.83
OTHER FRUITS AND NUTS	6.06	5.74	6.20
HORTICULTURAL SPECIALTIES	7.34	7.16	7.28
GENERAL FARM PRIMARILY CROP	5.61	5.58	5.58
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.42	7.56	7.38
DAIRY FARMS	9.41	9.49	9.95
CHICKEN EGGS	5.92	6.54	6.18
OTHER LIVESTOCK	6.96	7.03	6.79
TOTAL AGRICULTURAL SERVICES	6.34	6.55	6.42
CROP SERVICES	6.52	6.52	6.44
PLANT CULTIVATE & PROTECTION	6.04	6.19	6.95
HARVEST PRIMARILY BY MACHINE	6.16	7.03	6.24
PREPARATION SVCS FOR MARKET	6.70	6.43	6.39
TOTAL FARM LABOR & MANAGEMENT	6.18	6.56	6.41

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

# SACRAMENTO

## Wage and Salary Employment in Agricultural Establishments

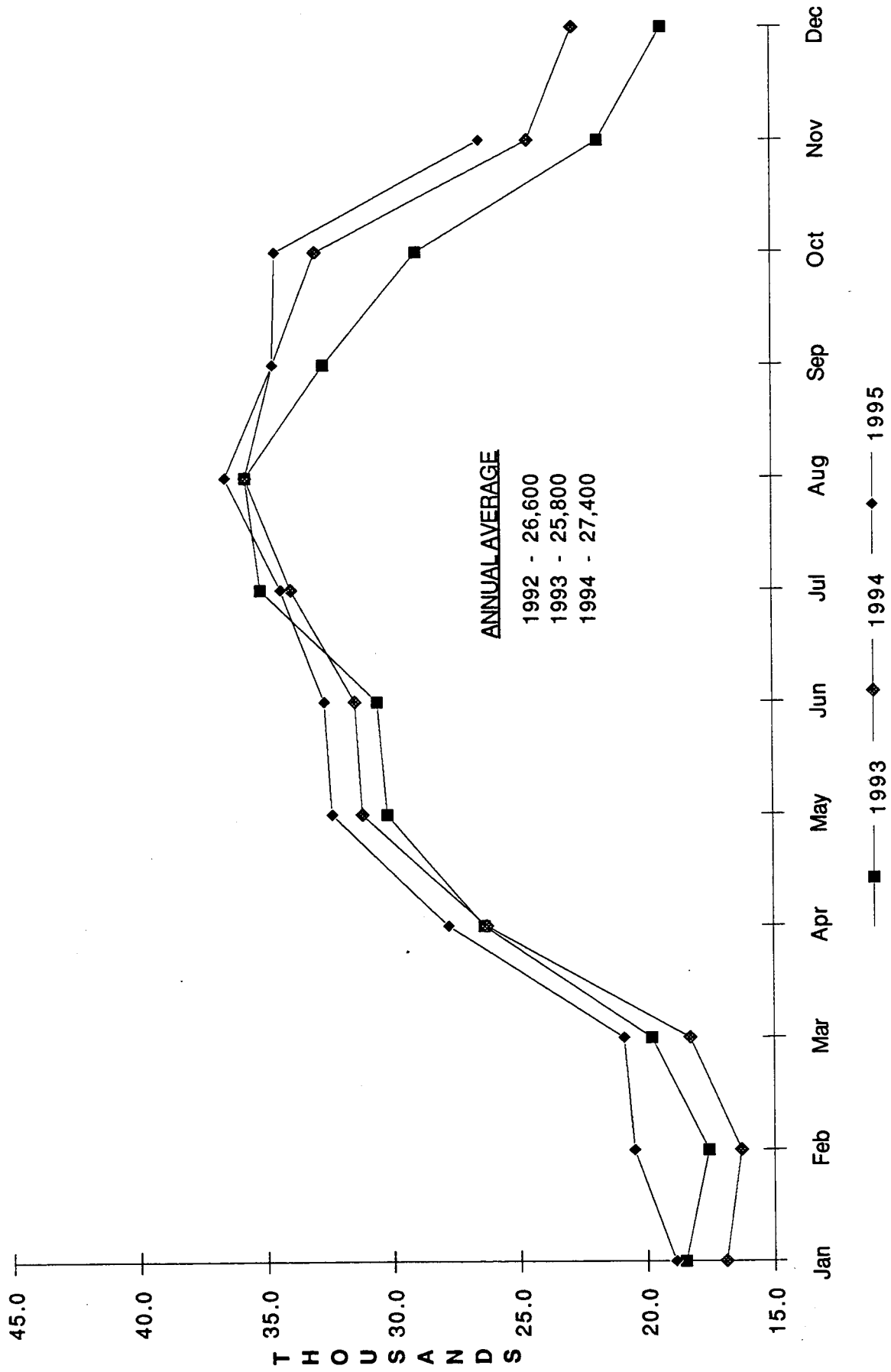


TABLE 6-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	26.5	34.6	24.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	19.4	25.8	17.8
RICE	1.8	2.2	1.6
VEGETABLES AND MELONS	1.7	2.6	1.4
TOTAL FRUIT AND TREE NUTS	8.6	9.9	7.8
TREE NUTS	2.6	3.3	2.4
DECIDUOUS TREE FRUIT	4.0	3.9	3.8
OTHER FRUITS AND NUTS	2.0	2.7	1.6
HORTICULTURAL SPECIALTIES	2.6	4.2	2.4
GENERAL FARM PRIMARILY CROP	4.7	6.9	4.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.7	1.7
TOTAL AGRICULTURAL SERVICES	5.4	7.1	5.1
CROP SERVICES	2.7	3.3	2.5
HARVEST PRIMARILY BY MACHINE	0.8	1.0	0.7
PREPARATION SVCS FOR MARKET	1.9	2.3	1.8
TOTAL FARM LABOR & MANAGEMENT	2.7	3.8	2.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B  
AGRICULTURAL PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	23.3	31.5	21.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	17.2	23.6	15.7
RICE	1.5	1.9	1.4
VEGETABLES AND MELONS	1.6	2.5	1.3
TOTAL FRUIT AND TREE NUTS	7.6	9.0	6.8
TREE NUTS	2.3	3.0	2.2
DECIDUOUS TREE FRUIT	3.4	3.4	3.2
OTHER FRUITS AND NUTS	1.9	2.6	1.4
HORTICULTURAL SPECIALTIES	2.3	3.9	2.2
GENERAL FARM PRIMARILY CROP	4.2	6.3	4.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.4	1.5	1.5
TOTAL AGRICULTURAL SERVICES	4.7	6.4	4.5
CROP SERVICES	2.1	2.7	2.0
HARVEST PRIMARILY BY MACHINE	0.5	0.7	0.5
PREPARATION SVCS FOR MARKET	1.6	2.0	1.5
TOTAL FARM LABOR & MANAGEMENT	2.6	3.7	2.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	286.88	325.92	278.52
TOTAL AGRICULTURAL PRODUCTION/CROPS	286.03	322.46	280.78
RICE	371.23	488.74	325.13
VEGETABLES AND MELONS	441.70	385.92	479.22
TOTAL FRUIT AND TREE NUTS	224.53	271.12	235.38
TREE NUTS	267.52	322.91	281.34
DECIDUOUS TREE FRUIT	223.65	226.55	196.10
OTHER FRUITS AND NUTS	172.53	268.04	253.00
HORTICULTURAL SPECIALTIES	286.11	275.02	287.27
GENERAL FARM PRIMARILY CROP	308.14	347.28	274.14
TOTAL AGRIC PRODUCTION/LIVESTOCK	317.20	323.31	305.60
TOTAL AGRICULTURAL SERVICES	280.26	339.76	261.62
CROP SERVICES	317.75	378.98	301.97
HARVEST PRIMARILY BY MACHINE	314.36	391.27	283.02
PREPARATION SVCS FOR MARKET	318.10	374.09	308.15
TOTAL FARM LABOR & MANAGEMENT	250.27	311.36	229.04

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	42.5	48.5	40.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.5	48.2	40.4
RICE	48.4	61.4	41.0
VEGETABLES AND MELONS	47.7	48.0	49.0
TOTAL FRUIT AND TREE NUTS	37.8	44.3	39.1
TREE NUTS	44.0	51.5	44.8
DECIDUOUS TREE FRUIT	37.4	37.2	32.2
OTHER FRUITS AND NUTS	30.7	45.2	46.0
HORTICULTURAL SPECIALTIES	37.4	38.9	37.7
GENERAL FARM PRIMARILY CROP	49.7	55.3	41.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.8	48.4	46.8
TOTAL AGRICULTURAL SERVICES	40.5	49.6	39.4
CROP SERVICES	41.7	49.8	43.7
HARVEST PRIMARILY BY MACHINE	41.2	52.1	36.1
PREPARATION SVCS FOR MARKET	41.8	48.9	46.2
TOTAL FARM LABOR & MANAGEMENT	39.6	49.5	35.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
SACRAMENTO VALLEY REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	6.75	6.72	6.86
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.73	6.69	6.95
RICE	7.67	7.96	7.93
VEGETABLES AND MELONS	9.26	8.04	9.78
TOTAL FRUIT AND TREE NUTS	5.94	6.12	6.02
TREE NUTS	6.08	6.27	6.28
DECIDUOUS TREE FRUIT	5.98	6.09	6.09
OTHER FRUITS AND NUTS	5.62	5.93	5.50
HORTICULTURAL SPECIALTIES	7.65	7.07	7.62
GENERAL FARM PRIMARILY CROP	6.20	6.28	6.67
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.50	6.68	6.53
TOTAL AGRICULTURAL SERVICES	6.92	6.85	6.64
CROP SERVICES	7.62	7.61	6.91
HARVEST PRIMARILY BY MACHINE	7.63	7.51	7.84
PREPARATION SVCS FOR MARKET	7.61	7.65	6.67
TOTAL FARM LABOR & MANAGEMENT	6.32	6.29	6.38

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.



# NORTH COAST

## Wage and Salary Employment in Agricultural Establishments

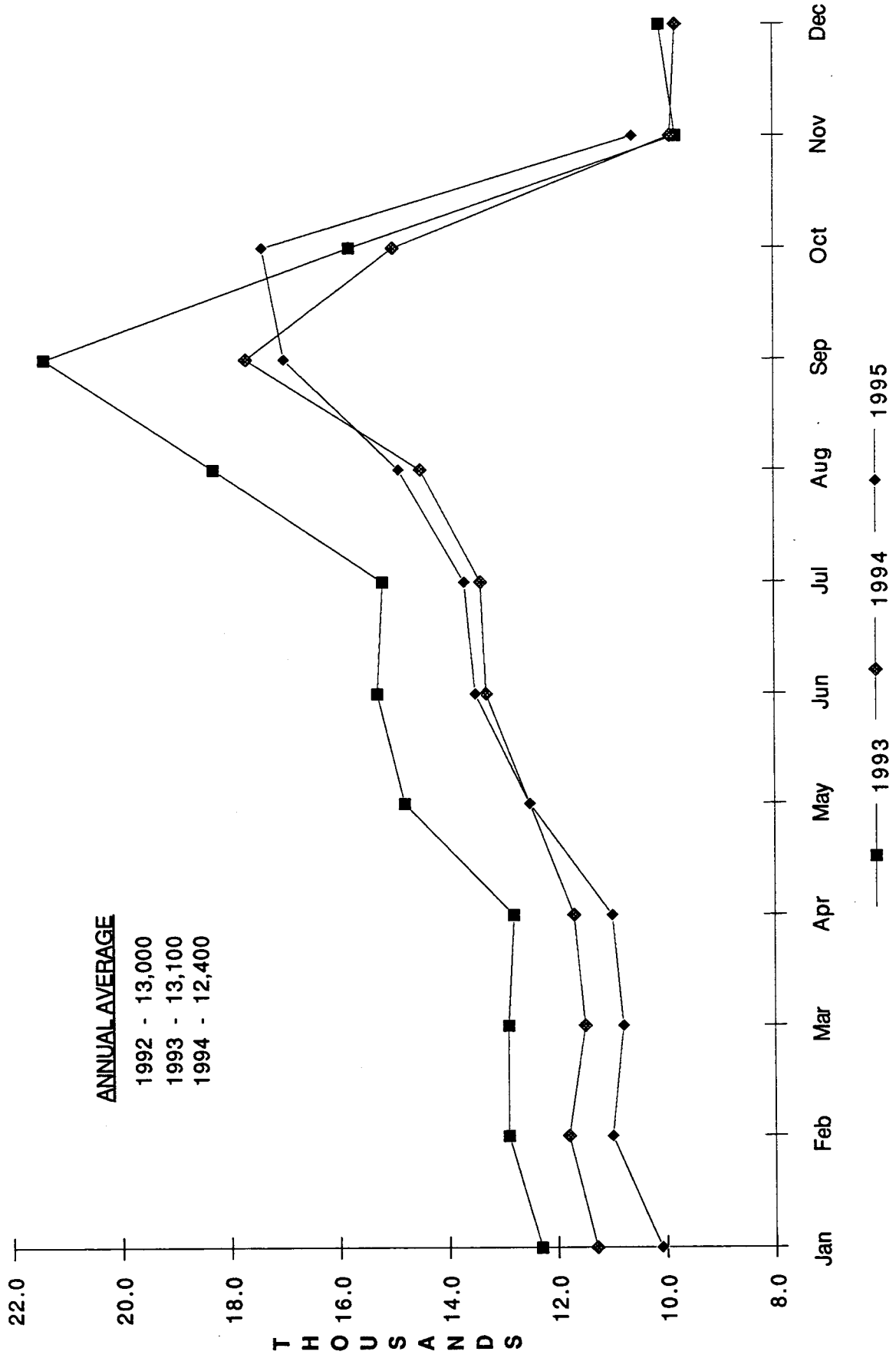


TABLE 7-A  
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)  
NORTH COAST REGION  
(IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	10.6	17.4	9.9
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.3	12.1	6.8
TOTAL FRUITS AND TREE NUTS	5.5	10.0	4.9
GRAPES	4.4	8.7	3.8
OTHER FRUITS AND NUTS	1.1	1.3	1.1
TOTAL HORTICULTURAL SPECIALTIES	1.0	1.1	1.1
GENERAL FARM PRIMARILY CROP (2)	0.8	1.0	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.1	1.9
TOTAL AGRICULTURAL SERVICES	1.3	3.2	1.2

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B  
 AGRICULTURAL PRODUCTION WORKERS (1)  
 NORTH COAST REGION  
 (IN THOUSANDS)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	8.3	15.1	7.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	5.4	10.3	5.0
TOTAL FRUITS AND TREE NUTS	3.9	8.4	3.5
GRAPES	2.9	7.2	2.5
OTHER FRUITS AND NUTS	1.0	1.2	1.0
TOTAL HORTICULTURAL SPECIALTIES	0.8	0.9	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.8	1.8	1.6
TOTAL AGRICULTURAL SERVICES	1.1	3.0	1.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C  
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	290.70	341.28	277.45
TOTAL AGRICULTURAL PRODUCTION/CROPS	282.00	349.58	265.35
TOTAL FRUITS AND TREE NUTS	273.44	357.93	250.06
GRAPES	304.95	377.12	285.32
OTHER FRUITS AND NUTS	180.58	243.29	165.53
TOTAL HORTICULTURAL SPECIALTIES	303.05	296.12	299.88
TOTAL AGRIC PRODUCTION/LIVESTOCK	318.96	316.30	324.97
TOTAL AGRICULTURAL SERVICES	286.40	326.87	260.80

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D  
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN HOURS PER WEEK)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	38.3	39.5	37.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	37.5	39.5	36.6
TOTAL FRUITS AND TREE NUTS	33.8	36.9	32.1
GRAPES	35.5	36.9	34.5
OTHER FRUITS AND NUTS	28.8	37.2	26.4
TOTAL HORTICULTURAL SPECIALTIES	41.4	44.0	42.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	44.3	44.3	45.9
TOTAL AGRICULTURAL SERVICES	32.0	36.4	30.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E  
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)  
NORTH COAST REGION  
(IN DOLLARS PER HOUR)

INDUSTRY	NOV 1995	OCT 1995	NOV 1994
TOTAL AGRICULTURAL	7.59	8.64	7.34
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.52	8.85	7.25
TOTAL FRUITS AND TREE NUTS	8.09	9.70	7.79
GRAPES	8.59	10.22	8.27
OTHER FRUITS AND NUTS	6.27	6.54	6.27
TOTAL HORTICULTURAL SPECIALTIES	7.32	6.73	7.14
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.20	7.14	7.08
TOTAL AGRICULTURAL SERVICES	8.95	8.98	8.44

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.